

Message

From: Hartten, Andrew S [Andrew.S.Hartten@chemours.com]
Sent: 8/23/2019 6:13:55 PM
To: Wilson, Jennifer [wilson.jenniferA@epa.gov]; Katherine Davis [katherine.l.davis@aecom.com]
CC: Reinhart, Roger [Reinhart.Roger@epa.gov]; Rowsey, Kevin [rowsey.kevin@epa.gov]; Konfirst, Matthew [konfirst.matthew@epa.gov]
Subject: RE: ⚠ Re: Cost of Monitoring and Maintaining the GAC Filters?
Attachments: ATT00001.txt

Yes Jenny, the costs are per each residential well.

Andrew S. Hartten
Principal Project Manager-Corporate Remediation

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Wilmington, DE 19899



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From: Wilson, Jennifer [mailto:wilson.jenniferA@epa.gov]
Sent: Friday, August 23, 2019 12:25 PM
To: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>; Katherine Davis <katherine.l.davis@aecom.com>
Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>
Subject: ⚠ Re: Cost of Monitoring and Maintaining the GAC Filters?

External email. Confirm links and attachments before opening.

Hi Andrew,

I am assuming something about the information below, but I want to make sure it is correct. When you say the annual costs are \$3,500 to \$4,000 including report and QC below, I think you mean per drinking water well, right?

Thank you for clarifying,
Jenny

From: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>
Sent: Wednesday, May 8, 2019 12:50 PM
To: Wilson, Jennifer <wilson.jenniferA@epa.gov>; Katherine Davis <katherine.l.davis@aecom.com>
Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>
Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

Jenny,

As you know, we sample quarterly Bed 1 and Bed 2 and only analyze Bed 2 when we have a detection in Bed 1. We also sample well PT/Influent annually.

With that scope, the annual costs for monitoring are around \$3,500-4,000, including reporting, QC, etc. A carbon change out is around \$2,000, but that happens less frequently, every 3-5 years, with max. at 5 years (for the North American Aqua systems we are using).


Is this enough info or do you need more specific information?

Thanks.....Andrew

Andrew S. Hartten

Principal Project Manager-Corporate Remediation

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From: Wilson, Jennifer [<mailto:wilson.jenniferA@epa.gov>]

Sent: Monday, May 06, 2019 3:20 PM

To: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>; Katherine Davis <katherine.l.davis@aecom.com>

Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>

Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

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Hi Andrew,

Thank you. We are looking for information on residential systems.

Have a good afternoon,

Jenny

From: Hartten, Andrew S <Andrew.S.Hartten@chemours.com>

Sent: Monday, May 6, 2019 2:04 PM

To: Wilson, Jennifer <wilson.jenniferA@epa.gov>; Katherine Davis <katherine.l.davis@aecom.com>

Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>

Subject: RE: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

Jenny, that question will be for me. Costs for residential system or public system?

Andrew S. Hartten
Principal Project Manager-Corporate Remediation

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From: Wilson, Jennifer [<mailto:wilson.jenniferA@epa.gov>]
Sent: Monday, May 06, 2019 2:59 PM
To: Katherine Davis <katherine.l.davis@aecom.com>; Hartten, Andrew S <Andrew.S.Hartten@chemours.com>
Cc: Reinhart, Roger <Reinhart.Roger@epa.gov>; Rowsey, Kevin <rowsey.kevin@epa.gov>; Konfirst, Matthew <konfirst.matthew@epa.gov>
Subject: ⚠ Cost of Monitoring and Maintaining the GAC Filters?

External email. Confirm links and attachments before opening.

Hi Kathy,

For another site, we are trying to quantify the costs of monitoring and maintaining the GAC filters that are being used for PFOA removal near Washington Works. Are you able to share that information with me?

Thank you,
Jenny

Jennifer Wilson, P.E.
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